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PTO/SB/31 (09-04) Approved for use through 07/31/2006. OMB 0651-0031

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	Docket Number (Optional)					
NOTICE OF APPEAL FROM THE EXAMINER TO						
THE BOARD OF PATENT APPEALS AND INTERFERENCES		12-1100				
I hereby certify that this correspondence is being deposited with the	In re Applicat	ion of				
United States Postal Service with sufficient postage as first class mail	Michael Wojtowicz					
in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)]	Application N		Filed			
on	09/833,372 April 12, 2001					
Carolle () Lot	HBT Superlattice Base Structur					
Signature ( ) COC 2	For GaN	upi suber	Tactice base structur			
Typed or printed	Art Unit		Examiner			
name Janelle A. Reitz	28	315	Baumeister, Bradley			
	-					
Applicant hereby appeals to the Board of Patent Appeals and Interference	es from the last of	decision of the ex	aminer.			
The fee for this Notice of Appeal is (37 CFR 41.20(b)(1))			\$ <u>500.00</u>			
Applicant claims small entity status. See 37 CFR 1.27. Therefore, the	a faa shawr ah	ove is reduced				
Applicant claims small entity status. See 37 CFR 1.27. Therefore, tr	ie iee silowii ad	ova is reduced	\$			
A check in the amount of the fee is enclosed.						
Payment by credit card. Form PTO-2038 is attached.						
The Director has already been authorized to charge fees in this can	lication to a Dor	nosit Account				
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<u> </u>	_					
The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 50−1214 . I have enclosed a duplicate copy of this sheet.						
A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.						
WARNING: Information on this form may become public. Credit card information should not						
be included on this form. Provide credit card information and authorization on PTO-2038.						
I am the						
_		160	Ma man			
applicant/inventor.		701 3	Signatura			
assignee of record of the entire interest.	(/		Signature /			
See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed.		John S. P	aniaguas			
(Form PTO/SB/96)	<del></del>	Туре	d or printed name			
xx attorney or agent of record.						
attorney or agent of record.  Registration number		(312) 902	2-5200			
-		Tel	ephone number			
attorney or agent acting under 37 CFR 1.34.		<b>=</b>				
Registration number if acting under 37 CFR 1.34.		Feb 9	. 2005			
			Date			
NOTE: Signatures of all the inventors or assigneds of record of the entire interest as their representative/s) are required						
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  Submit multiple forms if more than one signature is required, see below*.						
The state of the s						

This collection of information is required by 37 CFR 41.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.6. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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\*Total of

forms are submitted.

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PTO/SB/17 (12-04v2)

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Date

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7	Effective on 12				Complete if Known					
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Application Num	ber	09/833,3						
FEE TRANSMITTAL		<b>\L</b> [	Filing Date		April 12,	2001				
For FY 2005					Michael V	Wojtowicz				
<u> </u>					Examiner Name	)	Baumeist	ter, Bradle	y W.	
Applicant cla	ims small entity s	status. See	37 CFR 1.27				2815	<del></del>		
TOTAL AMOUNT	OF PAYMENT	(\$)	\$500.00		Attorney Docket	No.	12-1100			
METHOD OF P	AYMENT (che	ck all that a	apply)							
Check	Credit Card	Money	Order	None	e Other (p	olease id	entify):			
Deposit Acc	count Deposit A	ccount Numb	er: <u>50-12</u> 1	14	Deposit Ac	count N	<sub>ame:</sub> Kat	ten Much	in	
					eby authorized to		`			
<b>✓</b> Cha	rge fee(s) indicat	ted below			Charg	e fee(s	) indicated I	below, exce	pt for the filing fee	
Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
FEE CALCULA	TION									
1. BASIC FILIN	•	ND EXAM	INATION F	EES	1.414					
Application T	FIL	ING FEES Small E	Entity		CH FEES Small Entity Fee (\$)	_		FEES Entity (\$)	Fees Paid (\$)	
Utility	300			500	250	20				
Design	200	100	)	100	50	13	0 6	5		
Plant	200	100	)	300	150	16	0 8	0		
Reissue	300	) 150	)	500	250	60	0 30	0		
Provisional	200	100	)	0	0		0	0		
2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$) Fee Paid (\$) Fee Paid (\$)										
HP = highest num Indep. Claims	ber of total claims Extra	paid for, if gre Claims	eater than 20. Fee (\$)	Fee	Paid (\$)					
3 or HP = x = HP = highest number of independent claims paid for, if greater than 3.										
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  - 100 =  - 100 =  - 100 =  - 100 =  - 100 =  - 100 =  - 100    -										
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)  Fees Paid (\$)										
Other (e.g., late filing surcharge): Fee for Notice of Appeal \$500.00										
SUBMITTED BY										
Signature		1/2.		المدر	Registration No.	31,051		Telephone	(312) 902-5200	
-	mru >	VUTV		1 (	Attorney/Agent)	- 1,001			(3.2) 332 3200	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name (Print/Type)

John S. Paniaguas

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Onder the Paderwork Reduction Act of 1995.	Applicatio		09/833,372		ss it displays a valid UMB control number.		
TRANSMITTAL	Filing Date	e	April 12, 20	<del> </del>			
FORM	First Nam	ed Inventor	+	Michael Wojtowicz			
	Art Unit		2815	-			
	Examiner	Name	Baumeister	r, Bradley W.			
(to be used for all correspondence after initial fi	<del></del>	Oocket Number		12-1100			
Total Number of Pages in This Submission							
	ENCLOSURES	S (Check all	that apply	,			
Fee Transmittal Form	Drawing(s)				er Allowance Communication to TC peal Communication to Board		
Fee Attached	Licensing-re	icensing-related Papers of Appeals and Inter					
Amendment/Reply	Amendment/Reply Petition				peal Communication to TC ppeal Notice, Brief, Reply Brief)		
After Final		Petition to Convert to a Provisional Application			oprietary Information		
Affidavits/declaration(s)	Power-of-All	Power of Alterney, Revocation Change of Correspondence Addr			atus Letter		
Extension of Time Request		Terminal Disclaimer			ner Enclosure(s) (please Identify low):		
Express Abandonment Request	Request for Refund						
Information Disclosure Statement	CD, Number	of CD(s)					
Information Disclosure Statement		Landscape Table on CD					
Certified Copy of Priority Document(s)	Certified Copy of Priority Remarks						
Reply to Missing Parts/							
Incomplete Application Reply to Missing Parts							
under 37 CFR 1.52 or 1.53							
SIGNAT	URE OF APPLI	CANT, ATTO	RNEY, O	R AGEN	Γ		
Firm Name Katten Muchin Zavis Rose	Firm Name Katten Muchin Zavis Rosenman						
Signature Sh S Parrivaria							
Printed name John S. Paniaguas							
Date Feb 9, 2005 Reg. No. 31,051							
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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:							
Signature Squelle A. Rest Z.							
Typed or printed name Janelle A. Reitz		<del></del>		Da	te 2-9-05		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.